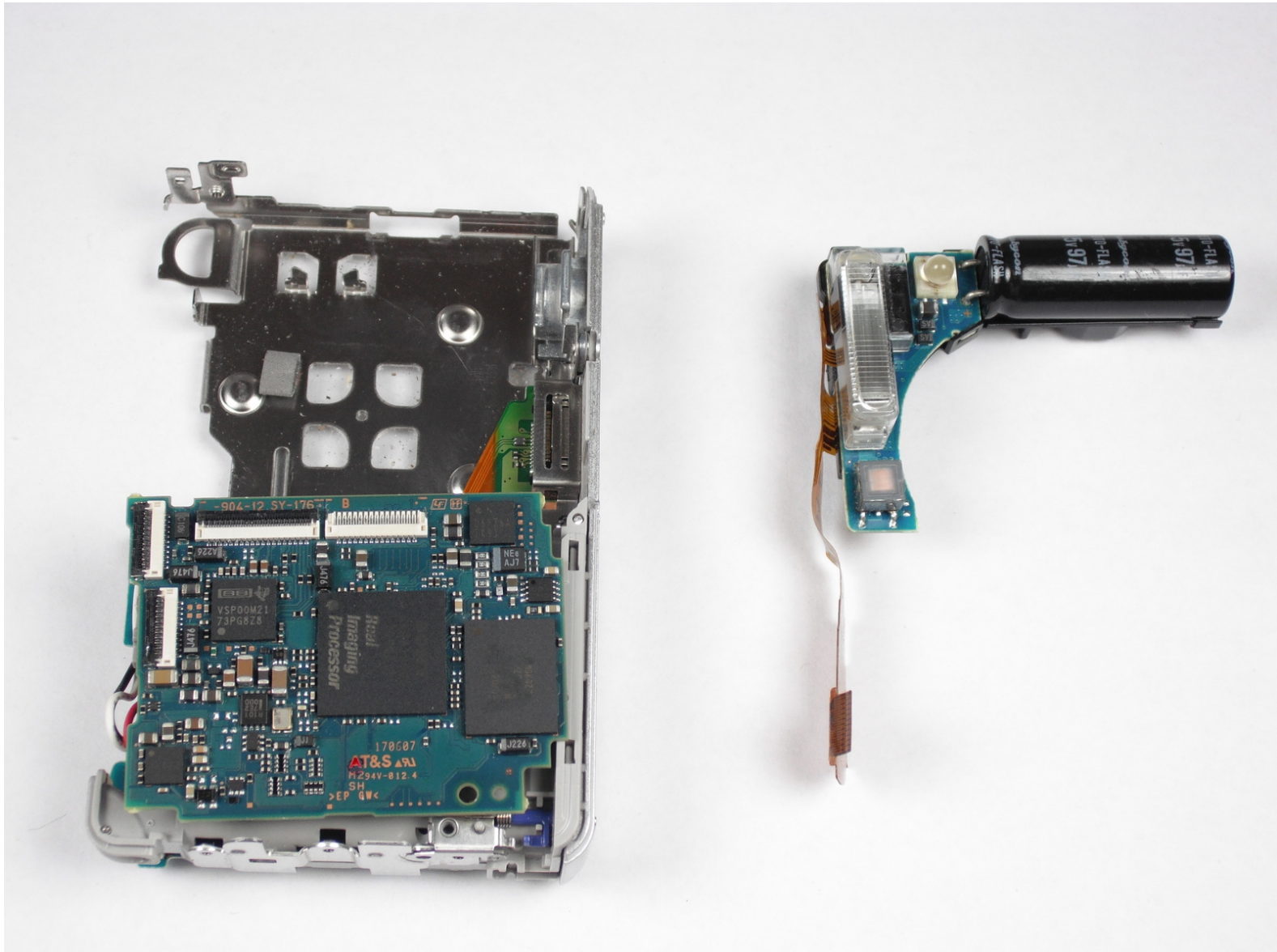




# Sony Cyber-shot DSC-W55 Flash Assembly Replacement

This guide will show you how to replace the flash assembly of the Sony Cyber-shot DSC-W55.

Written By: Eddie Lo



## INTRODUCTION

We will explain the steps needed in order to replace a flash assembly.

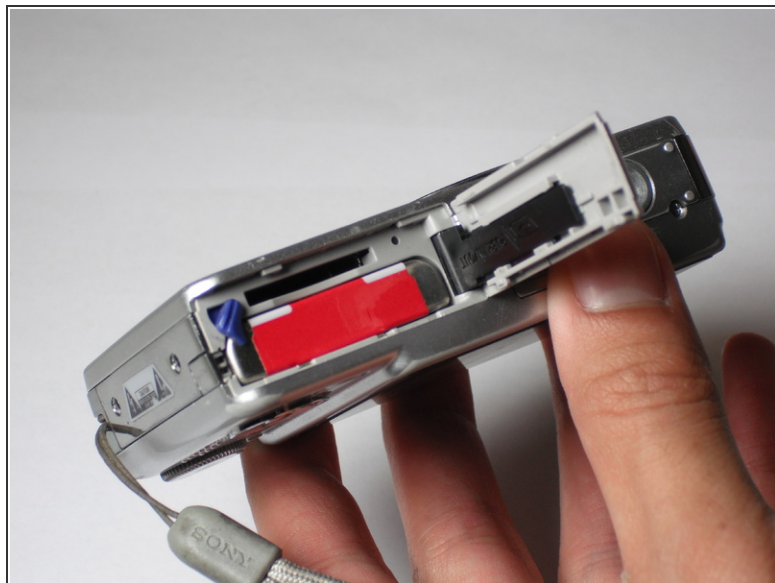
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### TOOLS:

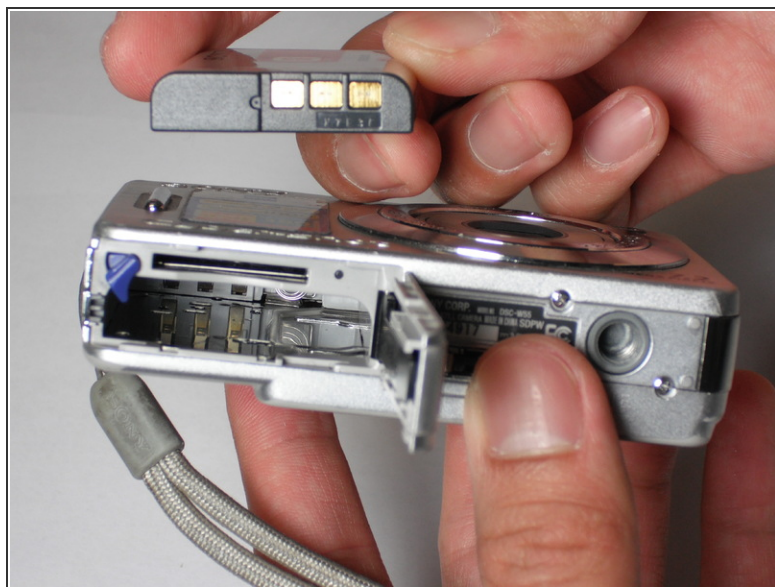
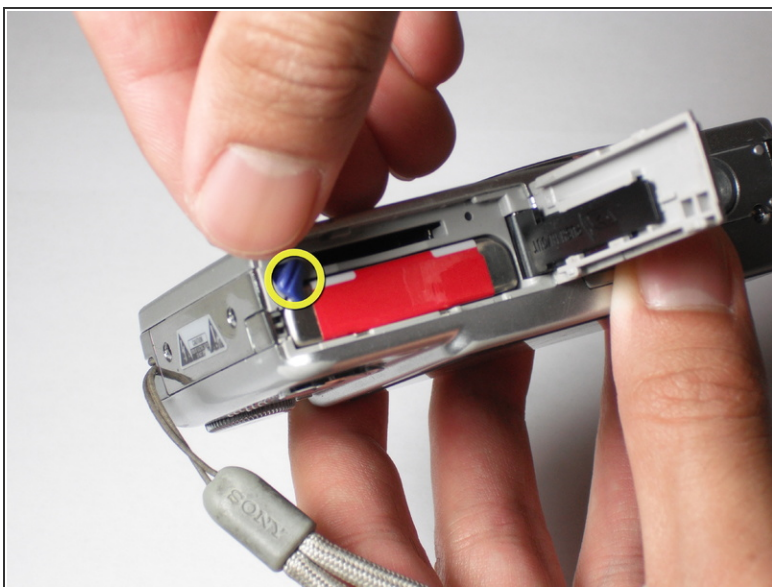
- [Phillips #00 Screwdriver](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Spudger](#) (1)
  - [Tweezers](#) (1)
-

## Step 1 — Battery



- Slide the battery cover in the direction the arrow points.
- Pull the battery cover towards you.

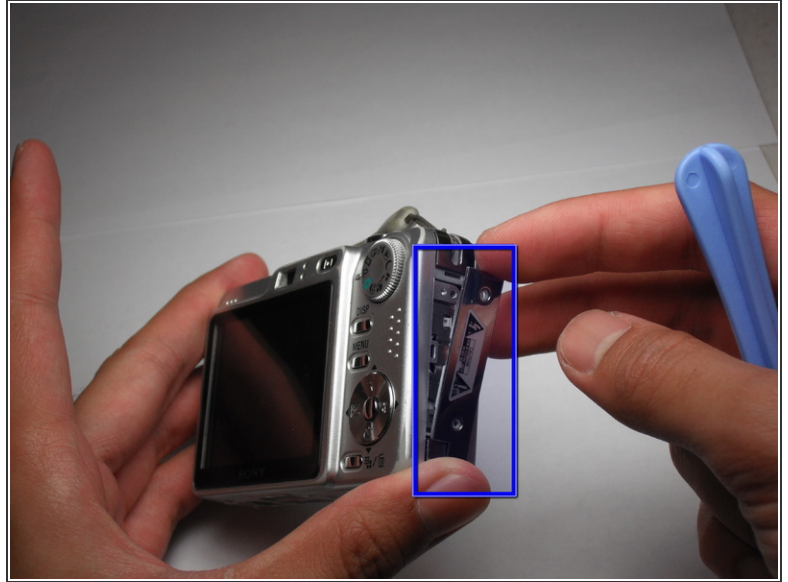
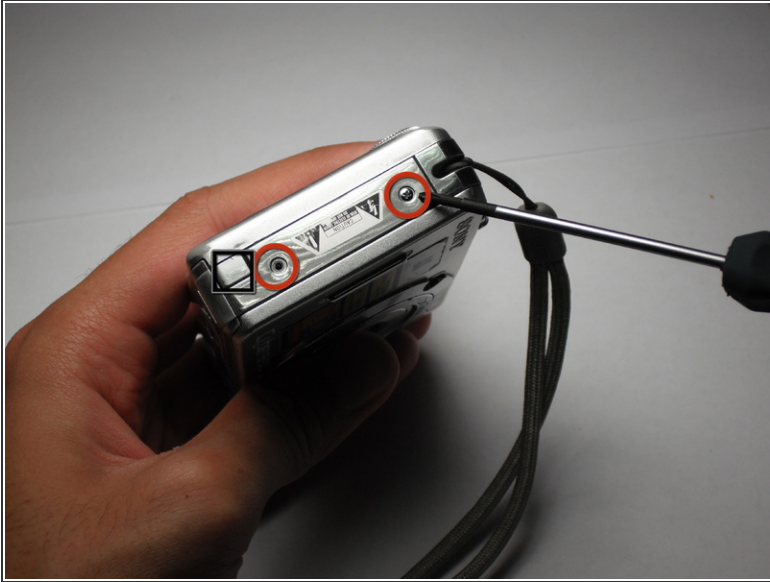
## Step 2



- Flick the blue switch for the battery to pop out.
- Remove the battery from the camera.



## Step 3 — Back Case

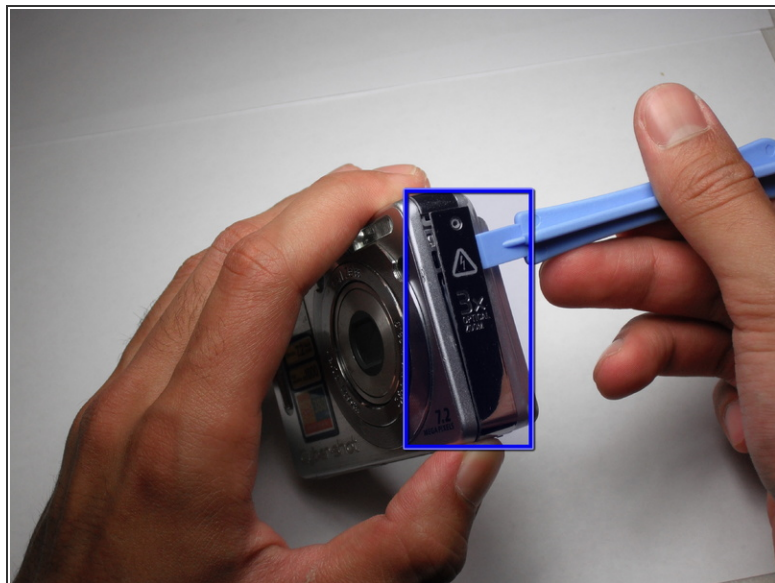


- Using the Phillips #00 Screwdriver, remove the two screws from the caution panel.

- Remove that panel.

⚠ Careful for falling pieces.

## Step 4



- Remove the screw with a Phillips #00 Screwdriver from the right side of the camera (with '3x optical zoom' engraved on the side panel).
- Remove that panel.

## Step 5



- Remove the screw using the Phillips #00 Screwdriver from the bottom the camera, closest to the back cover.



## Step 6



- Gently remove the back cover.

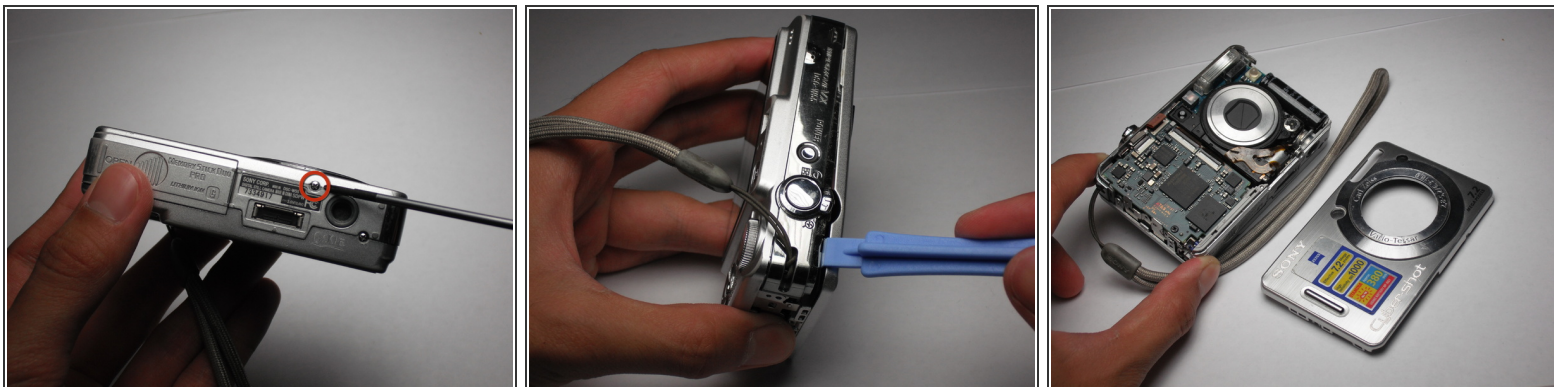
⚠ It may be a bit stiff, so use some force to remove it. Proceed with caution.

## Step 7 — Front Case



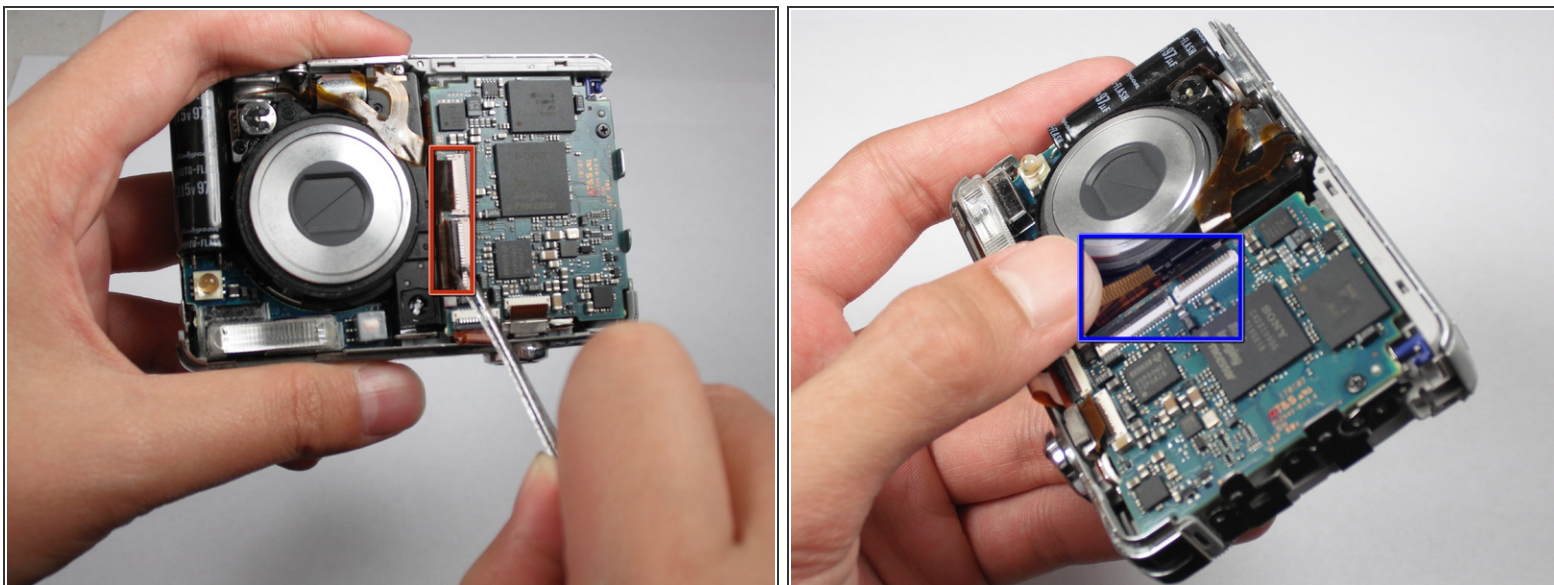
- Remove the screw using a Phillips #00 Screwdriver on the left side (where the "3x optical zoom" panel use to be).

## Step 8



- Remove the small screw using a Phillips #00 Screwdriver on the bottom of the camera attached to the front cover.
- Gently remove the front cover.
- ⚠ Put a little force to pop off the case. Proceed with caution.

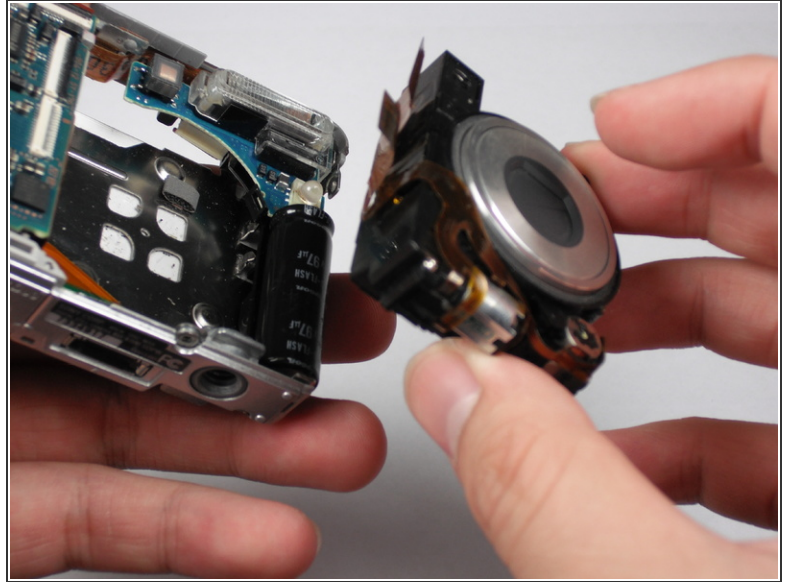
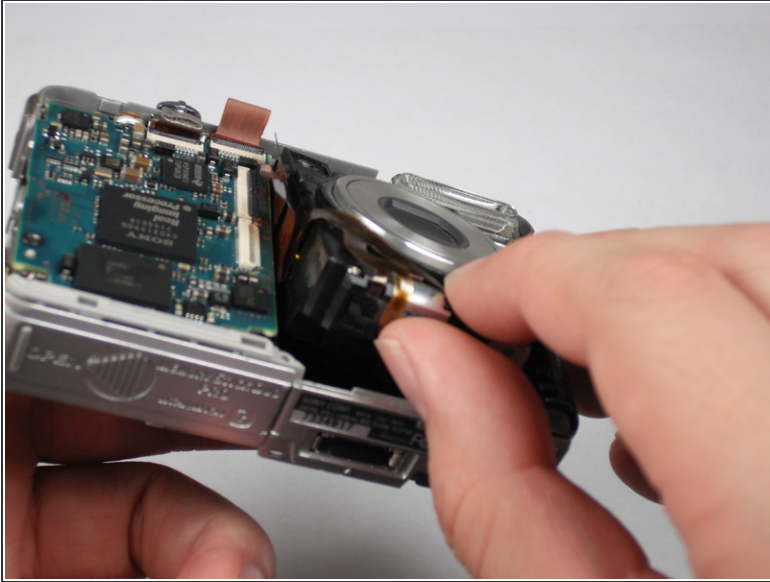
## Step 9 — Lens



- Flip the black secure locks off. Tweezers may be necessary.
- Detach the two orange cables.

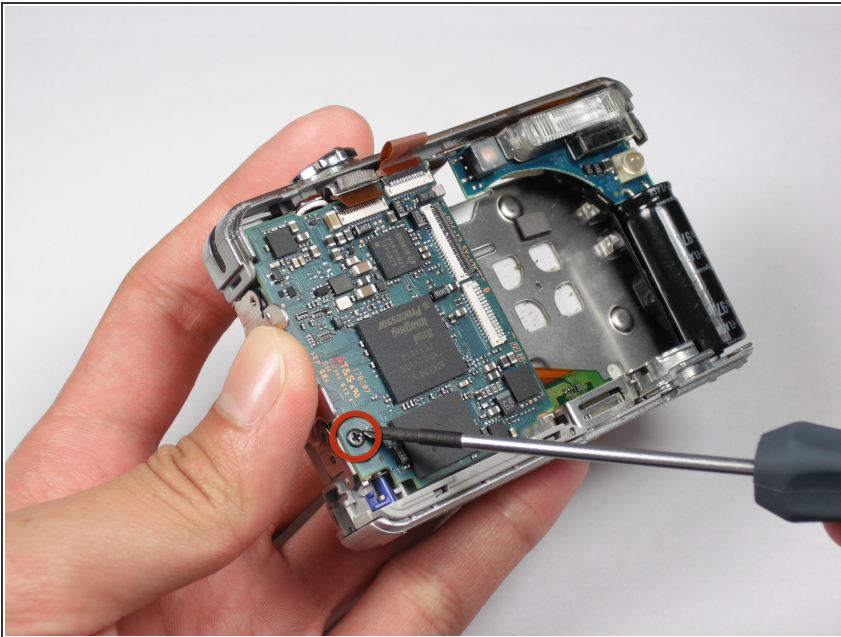


## Step 10



- Gently pull the lens container out of the camera.

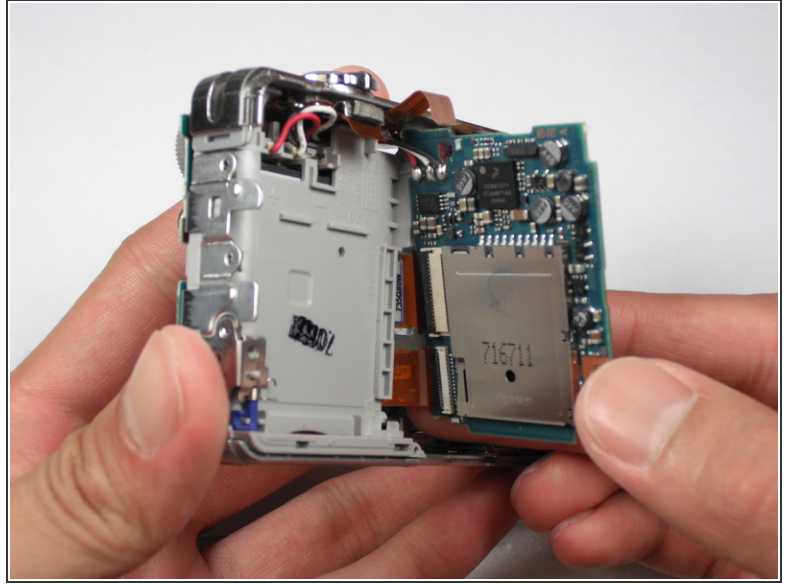
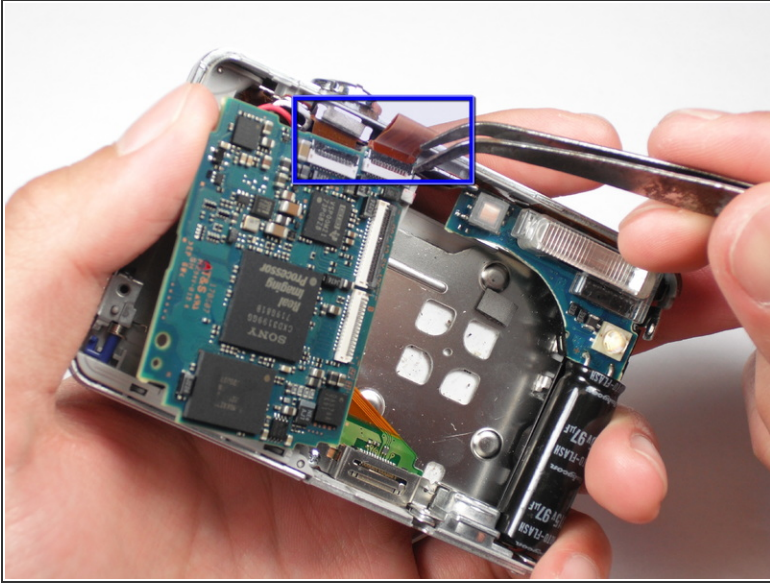
## Step 11 — Motherboard - First Half



- Remove the black screw using a Phillips #00 Screwdriver on the motherboard.

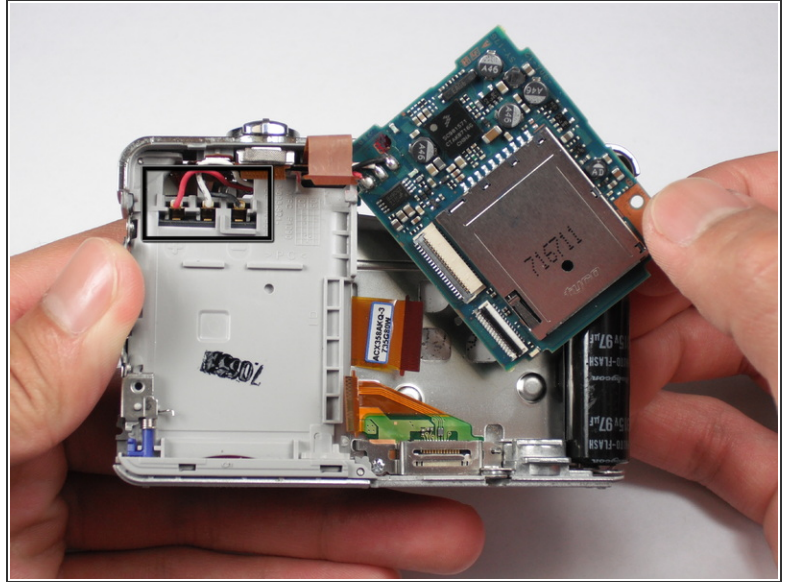
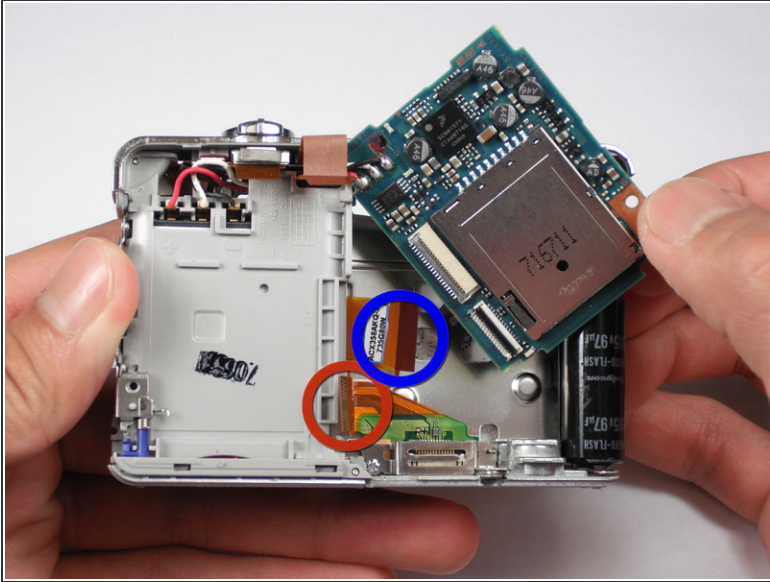


## Step 12



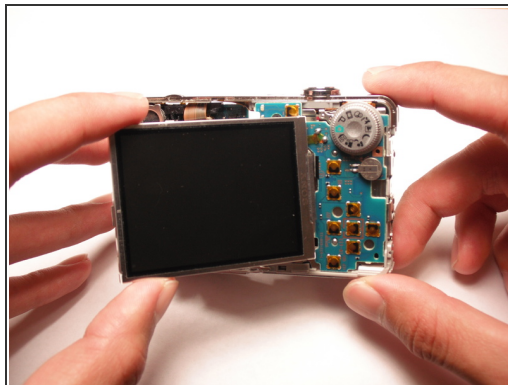
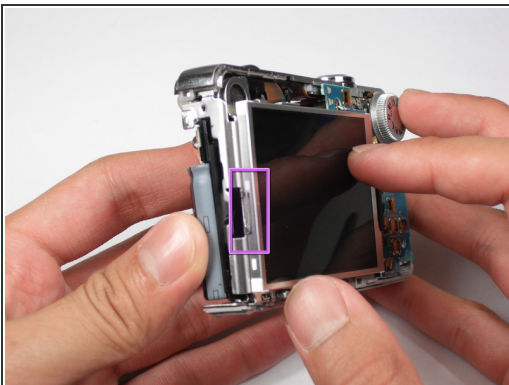
- Remove the two orange cables on the top of the motherboard with tweezers.
- Lift the motherboard out of its slot.

## Step 13



- For the AV port, detach the bottom orange cable.
  - For the LCD screen, detach the top orange cable on the right side of the motherboard.
  - For the motherboard, detach all the orange cables.
- ⚠ Careful not to damage the red, white, and black wires when lifting the board.

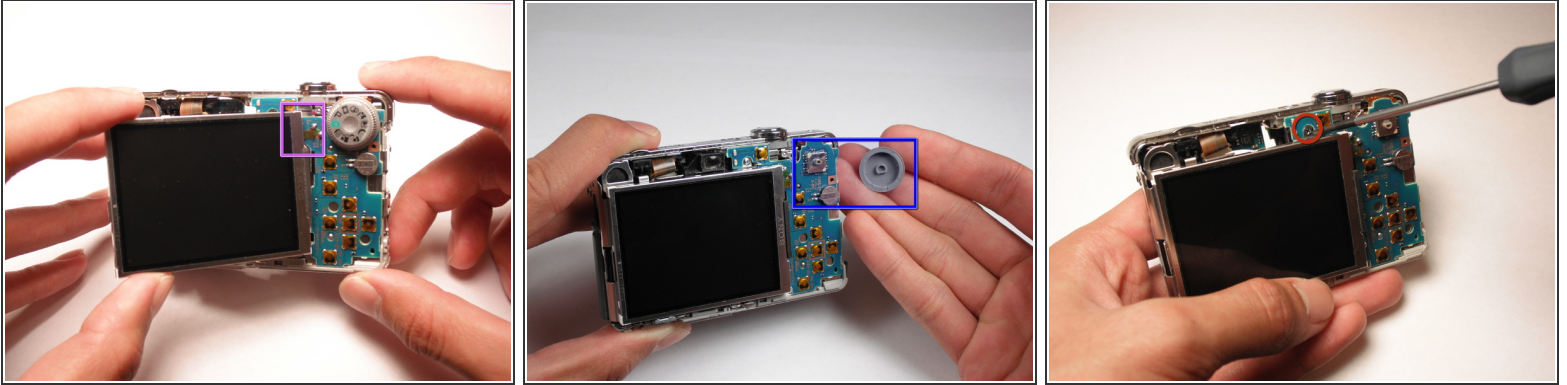
## Step 14 — LCD Screen



- Verify the orange cables from the motherboard are removed from the LCD screen.
- Lift the LCD screen off the hinge.

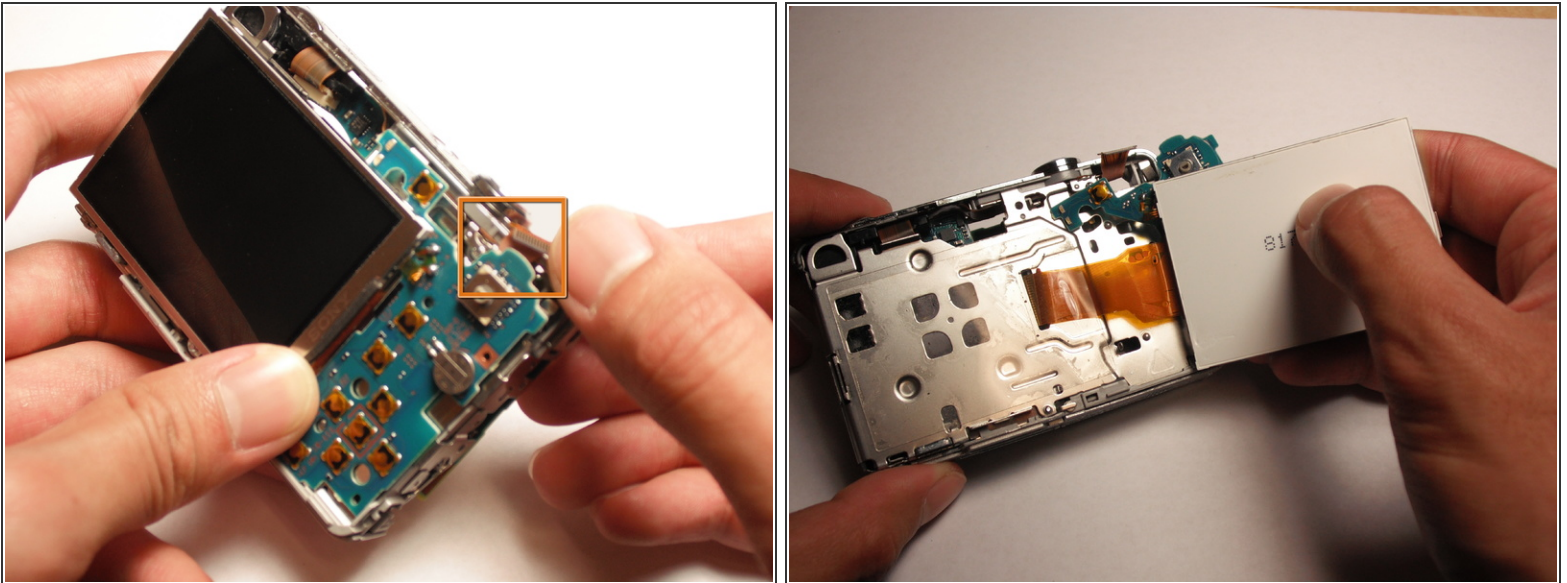


## Step 15



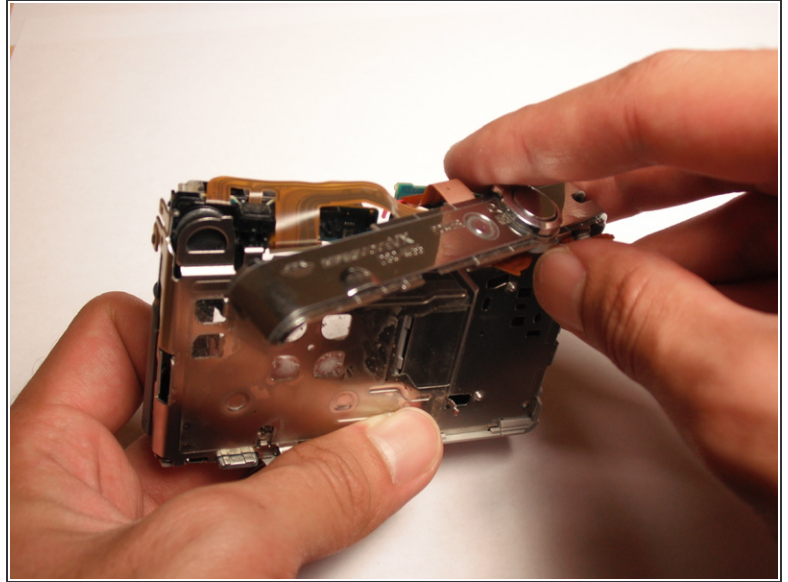
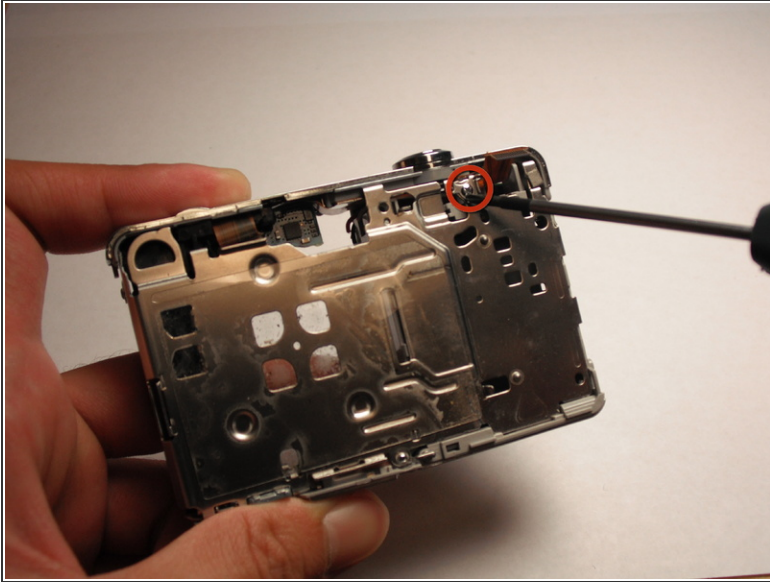
- Verify that the LCD screen is attached to the chip on the back on the camera.
- Remove the dial from the back of the camera. It pops right off very easily.
- Remove the screw using a Phillips #00 Screwdriver from the camera.

## Step 16



- Remove the orange cable that is attached between the top of the camera and the chip. It should slide straight out with a little bit of force.
- Remove the chip and the LCD screen now from the camera.
- The chip may need a slight upward tug with a fingernail or tweezers.

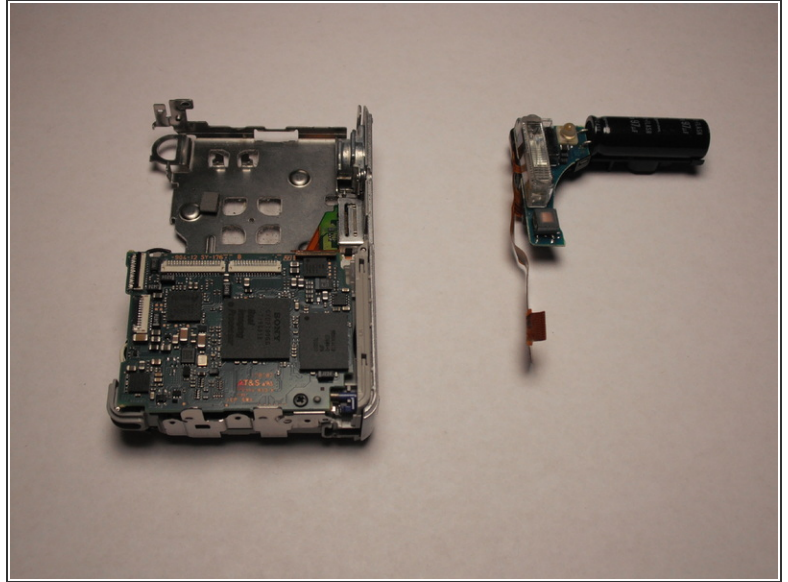
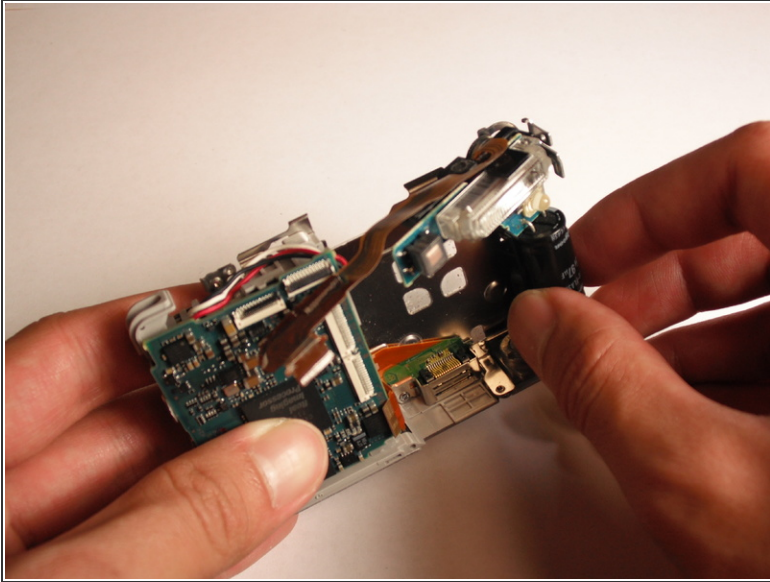
## Step 17 — Flash Assembly



- Verify that the orange cables from the top piece are removed from the motherboard.
- Remove the screw using a Phillips #00 Screwdriver on the upper part of the back side.
- ⚠ Pull the top off slowly and with caution. It is still slightly attached and may need a little force.



## Step 18



- Slowly twist out the flash assembly.
- It is attached to the hinge so a little force is necessary.

To reassemble your device, follow these instructions in reverse order.

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